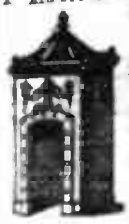
PIERCE'S PYRO-PNEUMATIC STOVE GRATES, being the original and only PURE WARM AIR STOVES that are constructed wholly of the FINEST PREPARED FIRE-CLAY, having no iron whatever in connection with the warming surfaces, producing healthful warmth, ventilation, and comfort, combined with economy. This medium of changing the cold external atmosphere into pleasant rarefied air is particularly adapted for



CHURCHES, ENTRANCE-HALLS, INFANT AND OTHER SCHOOLS, INVALIDS' APARTMENTS, &c.

Its cheerful open fire and elegant appearance render it equally applicable to the drawing or dining-room, where purity of air is essentially important.

Price 7l.; if 10s.; and 13l. 10s.

It may be seen in daily use at the University Hall, Gordon-square; the Polytechnic Institution; Westminster Chapel; Lloyd's Registry of Shipping, Cornhill; Guy's Hospital; the Bank of Messrs. Alexander and Co. Lombard-street; Office of "The Builder;" and at the Manufactory, 5, Jermyn-street.

PIERCE'S UNIVERSAL FIRE-LUMP GRATES, made of the finest prepared fire-lumps, in one entire piece, very strong, with large capacious hobs and trivet, and will burn either wood, coal, coke, or peat.

Price from 11s. 6d. to 30s.

PIERCE'S MANUFACTORY and SHOW ROOMS, No. 5, JERMYN-STREET, REGENT-STREET.

Sole Agent for NICHOLSON'S PRIZE COTTAGER'S RANGE, NEW PATENT COOKING STOVE, &c. &c.

GREAT EXHIBITION PRIZES.—First Prize, KITCHEN RANGE with Medal of Special Approbation. By Royal Letters Patent.—SIDNEY PLAVEL begs to inform the nobility, gentry, and public, that he has had the honour of being chosen as the only exhibitor of Kitchen Ranges entitled to a Medal of Special Approbation. The Range, as shown during the Great Exhibition, may be seen daily at 31, Jermyn-street, St. James's, London; and at his Manufactory, Portland-terrace, Lemming-ton From.—JOSHUA HARRISON, Manager.

PRIZE MEDAL of the Great Exhibition to HART and SONS, MANUFACTURING IRONMONGERS, for the excellence of their DOOR FURNITURE and FINGER PLATES.

HART and SONS invite the attention of Architects, Builders, and others, to the superior quality of their DOOR FURNITURE in PLAIN and DECORATED CHINA, CRYSTAL, AMBER, and OPAL GLASS, EBONY, MAPLE, BUFFALO HORN, &c. &c. and to the advantages resulting from the use of it, being mounted with PITT'S PATENT SELF-ADJUSTING SPINDLES, applicable to doors of any thickness without alteration.

HART and SONS also invite attention to their stock of LOCKS, Bolts, Rim, Cabinet, &c., BRASS FOUNDRY and BELL-HANGING materials and GENERAL IRONMONGERY, and especially to their DR. ARNOTT'S VENTILATING CHIMNEY VALVES, to the manufacture of which they give particular attention. They have in stock a great variety of sizes and styles of finish, the prices of which may be obtained on application at their MANUFACTORY, 33, 34, and 35, WYCH-STREET, STRAND.

TO BUILDERS AND THE TRADE.

CASTINGS, RAIN-WATER PIPE, GUTTERING, MASH-WEIGHTS, &c.

Iron Rain-water Pipe..	3	3½	3	3½ inch.
	9d.	10d.	1s 1d.	1s 3d. per yrd.
Half Round Gutter	3	3½	4	inch
	7d.	7½d.	9d.	per yard

Mash-weights 6s. per cwt. Air-Bricks, 3s. 6d. per dozen.
Underground Pipe, 3s. 6d. per cwt.

A large stock of CASTINGS and WROUGHT-IRON WORK for BUILDING and other purposes, at equally low prices, consisting of—

GIRDERS AND COLUMNS.	STENCH-TRAPS.
RAILING AND STAIRCASE BARS.	SKYLIGHTS.
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Every article in the trade kept in stock. An extensive assortment of patterns for both PLAIN and ORNAMENTAL CASTINGS, and every description of WROUGHT-IRON WORK.

ESTIMATES on application or by post.
PITTAM AND HALLETT, OXFORD-STREET; IRON WORKS, 9, WHARLEY-STREET, AND CORNWALL-ROAD, LAMBETH.

STEPHENSON and PEILL, 61, Gracechurch-street, London, and 17, New Park-street, Southwark, Manufacturers of COPPER CYLINDRICAL and improved CONICAL IRON BOILERS, and Conservatory and Hot-house Builders, either in wood or iron, respectfully call the attention of the nobility, gentry and conveyancers to their simple but efficacious method of warming horticultural and other buildings by Hot Water. From the extensive works they have executed references of the highest respectability can be given, and full particulars furnished on application.

THE PATENT GALVANIZED IRON.
TUPPER and CARR,
Owners of Crauford's Patents, and Successors to
THE GALVANIZED IRON COMPANY,
Supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Castings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.
An allowance to the trade.
WORKS—MILL WALL and BIRMINGHAM.
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IRON BUILDING and ROOFING WORKS,
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Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.
PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.
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THE CORRUGATED and GALVANIZED IRON ROOF,
PORTABLE BUILDING, AND
NASMYTH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS,
Offices, 63, Gracechurch-street.
JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c. to his List of Prices which, conformably with good workmanship, are extremely low.
Models of the patent Iron flooring, corrugated or not, and girders; also, drawings of roofs, &c. peculiar principles, may be had on application.
Drawings of the iron lighthouse spoken of in the *Times* and other papers (see the *Examiner* for February 6th), may be seen by application.
References to firms of the highest class can be given.

THE PATENT
GALVANIZING and CORRUGATING IRON COMPANY,
JOHN SYMONDS and Co., Managers.
The Company having made considerable improvements in the mode of working CRAUFURD'S PATENTS, and being able to galvanize larger work than was formerly practicable, they are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of builders, contractors, and others.
ON HAND, sheets, plain or corrugated, for iron houses, sheds, railway stations, &c.—fixed to order, if required. Wire, piping, guttering, &c., for house use and exportation.
N.B.—Goods to be galvanized, sent for and returned free of charge, within three miles of the Tower; and all light goods received by Nine o'clock will be returned the same day, if required.
OFFICES—16, CIRCUS, MINORIES.
WORKS—GLASS-HOUSE-YARD, opposite the London Docks.
*** A discount allowed to the trade.

JORDAN'S PATENT MACHINE-CARVING,
and CHURCH-JOINERY WORKS, Belvedere-road, Lambeth.—The Proprietors of the above Works beg to return their best thanks to the Nobility, Architects, Builders, and the Public generally for the very liberal support they have received, and to assure them it will be their constant endeavour to deserve it.
To add more to the general machinery and carving business, they undertake Contracts to execute and fit every description of Joinery work required in the fittings-up of Churches and Chapels, viz.—carved and moulded bench-ends, screens, pulpits, reading-desks, lecterns, sedilias, altar-rails, doors, tracery fronts, reredos, altar tables, choirs, tabernacle screen-cases, moulded and carved capitals; together with tracery and moulded framings required in hall- and the construction of elaborate staircases, chimney-pieces, doors, &c.
The Proprietors respectfully call the attention of Architects and all persons engaged in buildings to their new application of machinery to the inlaying of veneered floors, doors, dados, hall and dining-room panelling, cornices, &c. specimens of which are being prepared for Dudley House, and can be seen at the works; as also every description of carved work and mouldings required in the building trade.—For prices and estimates apply to the manager upon the premises.
N.B. A richly-carved oak screen, which obtained the prize medal at the Great Exhibition, for sale.

THE GREAT EXHIBITION IN LONDON AWARDED A PRIZE MEDAL TO THESE MACHINES.

PATENT MACHINES, for Planing, Moulding, Morticing, Tenoning, Grooving, Sawing, and Boring, as used by joiners, builders, coachmakers, railway carriage and wagon builders, cabinet manufacturers, pianoforte makers, &c.—The principal Institutions for the Encouragement of Arts have awarded unrivalled pre-eminence to these machines; they have been found in every respect perfect in their operations, on either hard or soft wood and will perform all the ordinary descriptions of work required in the above trades in a superior manner, at a greatly reduced cost. These machines are now used by the British, French, and American Governments, and by all the principal contractors, builders, and machinists in the United Kingdom.
Sold by WILLIAM FURNESS, Patentee, 9a, Lawton-street, Liverpool.

PAPER HANGINGS.—By recent improvements in block and cylinder printing, gold satin and bedroom papers are offered to the trade, at very reduced prices, by JEFFREY, ALLEN, and CO., Kent and Essex yard, 119, Whitechapel.

PAPER HANGINGS, by E. T. ARCHER'S patented Machine, Blocks, Cylinders, and Artistical Labour, at his Manufactory for all kinds of papers adapted for internal decorations. PANELLED DECORATIONS fitted up on the walls of the extensive Show Rooms, in every known style, and for all purposes, by artists of known merit.
Also on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in Paris.
Attached to the paper-hanging trade there is the choicest assortment of CABINET FURNITURE in London, of the best make, and upholstery goods of the first fabric. Brussels carpet, 2s. 6d. per yard; floor-cloths the best that can be made, cut to any dimensions; 4-4 31 per yard cloth and worsted curtains, of the finest fabric, 5 feet wide, 4s. per yard, all
E. T. ARCHER'S, 451, Oxford-street.

PAPER HANGINGS.—R. HORNE, PAPER-HANGING MANUFACTURER, 41, Gracechurch-street, City, invites builders and the trade to inspect his extensive stock of NEW DESIGNS in PAPER-HANGINGS, which, by the aid of powerful machinery, he is enabled to offer at the following prices, in stock quantities, for cash only, viz.:—

Sweet lining paper	2d.	
Superior ditto	6d. and 7d.	
Bedroom papers, in great variety	4d	5d.
An excellent oak paper	6d	8d.
Sitting-room ditto, on blended grounds	9d. to	8d.
Hand-made marbles	8d. to 1s. 6d.	
Good satin papers	1s. 6d. to 2s. 6s.	
Flock papers	2s. 6d. to 3s. 6d.	
Hand-made granites	3d. to 1s. 6d.	

Every novelty in French and English panelled decoration always on hand; also excellent imitation of fancy woods.
N.B. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

PATENT VULCANISED INDIA-RUBBER TUBING, for Gas Fittings, Chemical Purposes, Fire Engines, Manure Pumps, &c.—JAMES LYNE HANCOCK, Sole Manufacturer (and Lessee), Goswell-mews, Goswell-road, London, has to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanised India Rubber Tubing, which is now manufactured from 1-8 inch bore and upwards, in lengths from 20 to 100 feet, and of various diameters, suitable to the purposes for which it is applied. VULCANISED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length and size to order.
*** Testimonials may be had on application at the Manufactory.
N.B. VULCANIZED WASHERS and SHEET RUBBER for Steam and Hot Water Pipes, and Packings for Pistons and Gland-Rods of Steam Engines, cut any size to order.

TARPAULINS FOR COVERING ROOFS during Repairs, SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Waggon and temporary Awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 113, Fore-street, City, Manufacturer, by appointment, to her Majesty's Honourable Board of Ordnance.

STAINING DEAL TO IMITATE ALL KINDS of WOODS. It requires no rubbing, and will stand the exposure to the weather. Price 6s. per gallon. Varnishes for W. NAYLOR'S Stains may be had at the Factory, 57, Jamestreet, Oxford-street.

STEPHENS'S ORIGINAL DYES, for STAINING COMMON DEAL to imitate OAK, MAHOGANY, or SATINWOOD colours. For specimens of the effects of these Dyes, the public are referred to the WOODWORK of the GREAT EXHIBITION, and particularly the ENTRANCE DOORS, which were coloured with the stains invented and manufactured by HENRY STEPHENS, of 54, Stamford-street, Blackfriars-road, who supplied to the workmen both stain and varnish and who was the first person to introduce and call the attention of the public to this means of colouring wood, so as to bring forth the ornamental effect of the natural grain, and thereby prevent the evils of artificial imitation.—Prepared and sold by HENRY STEPHENS, 54, Stamford-street, Blackfriars-road.

DAMP WALLS.—NEW PATENT PAINT, as applied on the Thames Tunnel, most entirely effective and permanent, liquids or cost, in quantities to finish 9 square yards for 10s., if 100 yards 6l., and no charge for packages.
PATENT LIQUID CEMENT for the fronts of houses, for beauty pre-eminent, giving the appearance of fine cut stone, and only one-eighth the cost of Oil Paint. In casks of 1, 2, and 3 cwt. at 6s. 12s., and 22s. each.
PATENT MINERAL ZINC PAINTS invaluable for cheapness, beauty, and permanence, ready for use. White Stone and Lead, 2s., Greens and Blues, 3s. per gallon.
NEW PATENT COLOUR for inside work, may be applied on Wood, Stucco, Cement, or over Old Paint. No smell, and will dry in an hour. In casks of 1 cwt. at 16s.
G. BELL and CO., Steam Mills, 8, Wellington-street, Cornwall-street.

HUBBUCK'S PATENT WHITE ZINC PAINT.—The PERMANENT WHITE of the Ancients, by its application, hitherto restricted to the use of the artist, is now offered at the price of the ordinary white lead paint.
Four years since the proprietors placed their manufactures on a large scale, and put the elegant Paint in competition with White Lead.
Its unobtrusive superiority over every other paint hitherto known brought forward various imitations.
These inferior productions, frequently made from stone ores, crystalising sand, granite, and other deleterious material, alike injurious to health, deficient in body, and rendering the preservative properties for which the original paint stands pre-eminent.
In justice to the proprietors these should not be confounded with the original, even though sold under the protected, title it so all the same.
Hubbuck's Paint is entirely free from any injurious properties whatever, it is healthful in the manufacture, healthful in use, and healthful to occupants of rooms newly painted with it.
As a guard to the painter against the substitutes of the inferior paints, each cask is stamped
"HUBBUCK, LONDON, PATENT;"
and if the cask has not been so marked, the reason is obvious.
A Circular with full particulars may be had of THOMAS HUBBUCK and SON, Colour Manufacturers, opposite the London Docks.

THE TWO GREATEST IMPROVEMENTS IN BUILDINGS.
THE SHEET ZINC from the VIEILLE MONTAGNE COMPANY is already so well appreciated in Great Britain for its superior quality, cheapness, and great durability for roofing purposes, &c. that we need only mention, that during last year above several thousand tons of it have been used for COVERING BUILDINGS, SHEATHING SHIPS, and other manufacturing purposes.
THE PATENT WHITE ZINC PAINT was first brought under public notice in England a few years ago by the Patentees, the Vieille Montagne Zinc Mining Company. The superiority of this paint over white lead is now so incontestably established, that it will suffice to state that the Admiralty, and the most eminent professional men, have adopted it to the exclusion of the use of white lead. When used on all wrought or cast iron, its chief advantages are cheapness, brilliancy of colour, hardness, durability, material liable by heat, air or gas, and not injurious to health.—For further particulars apply to Mr. H. F. SCHWARZ, General Agent to the Vieille Montagne Company, 13, Manchester-buildings, Westminster.

EVANS'S MINERAL OXIDE PAINTS.
Offices, 8, Philpot-lane, London.

	Per Cwt.
Green	28s. per Cwt.
Lead Colour	28s. "
Stone or Drab	28s. "
Black	28s. "
Dark Brown	28s. "
Yellow (for Tarpaulines)	28s. "

Packages of 1 Cwt. and upwards are not charged.
These preparations of the Mineral Oxide Paints will be found more durable, and at the same time more economical than any other paint.
They are proof against all atmospheric action, gases, and salt water, of which the following testimonials are sufficient evidence.
"6, Billiter square,
"16, April, 1852.
"GENTLEMEN,
"The result of the trial of your Mineral Oxide Paints on the Buoys manufactured by us for the service of the Honourable Commissioners of the Trinity House, has been very satisfactory, both as it respects the quality and the durability of the Paints, and the economy of consumption.
"You are at liberty to make use of this testimonial in their favour. "We are Gentlemen, your obedient Servants,
(Signed) "BROWN, LENNOX, and CO."
"4, Wharf Canal-road, Kingsland-road,
London, April 26, 1852.
"SIR,
"We have used your paint on the various gas works which we have constructed during the last seven years and have no hesitation in stating it to be the best and most durable covering for iron.
"We shall continue to use and recommend it as heretofore.
"We are, Sir, yours obediently,
(Signed) "WESTWOOD and WRIGHTE."
Other testimonials can be had on application.

THE WASHINGTON CHEMICAL COMPANY, NEWCASTLE-ON-TYNE;
Manufacturers of
PATTINSON'S OXICHLORIDE of LEAD.—The Washington Chemical Company having, during the last year, established a Manufactory of Pattinson's Oxichloride of Lead on a large scale, and being able to supply it with regularity, and to offer its oil here without delay, now proceed to bring this new and valuable preparation of Lead before their friends and the public, quite sure that it will test, in the practical use to undermine it in now, and that it will not be in the market at most make its way, and finally take its place as one of the important manufactures of this country.
Pattinson's Oxichloride of Lead is a chemical combination of one equivalent of Chloride of Lead, and one equivalent of Oxide of Lead; it being well known that common White Lead is a chemical combination of one equivalent of Oxide of Lead, and one equivalent of the chemical of Carbonic Acid, consequently what is called in chemical language, Carbonate of Lead. Now there is no reason to conclude that Carbonate of Lead is the only compound of lead valuable as a paint, and still less that it should be the best compound of lead for that purpose. In point of fact it is not so, for the newly-discovered Oxichloride is most. If not in all respects is far superior; its colour is brilliantly white, and in a number of cases it has been tried against the best White Lead that could be obtained, and after a period of upwards of two years it has been found to remain the whiter colour, considerably whiter than the lead against which it was tried.
But the chief and by far the most important advantage it possesses is, its remarkable and very decided superiority of Body; by which term the power of covering surface well and economically is understood among Painters. The attention of the Government was at once attracted drawn to this important point, and since that time, the Washington Chemical Company have had abundant opportunities of planing its superiority in this important particular beyond all doubt. They have themselves performed a number of experiments, and have also caused a number of experiments to be performed, on the large way, by various practical men, to ascertain accurately its covering power as compared with the best White Lead, and they have now made the proportion to be as 6 to 1, that is, as 6lb. of Oxichloride paint will cover as much surface as 10lb. of the best White Lead, the saving of cost being in the same proportion: besides this, the working is thicker and more pleasant, both in and out of doors, as the Oxichloride is drier under a hard, tenacious layer, more like an Enamel than Paint.
In using the Oxichloride, no difference in the materials with which it is mixed is required. Oil and Turpentine being employed as usual both for work to be finally called Painting, and for work intended to be varnished. For the use of Paper Stainers and Leather Dressers, the Oxichloride is found to be peculiarly suitable. The Washington Chemical Company strongly recommend this newly discovered substance to the notice of consumers, both on account of its economy, and its intrinsic good qualities as a paint.
OFFICE IN LONDON.—Mr. R. OSMER, No. 7, Size-lane.
Office of the Washington Chemical Company,
73, Grey-street, New castle-on-Tyne. January 1, 1853.

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